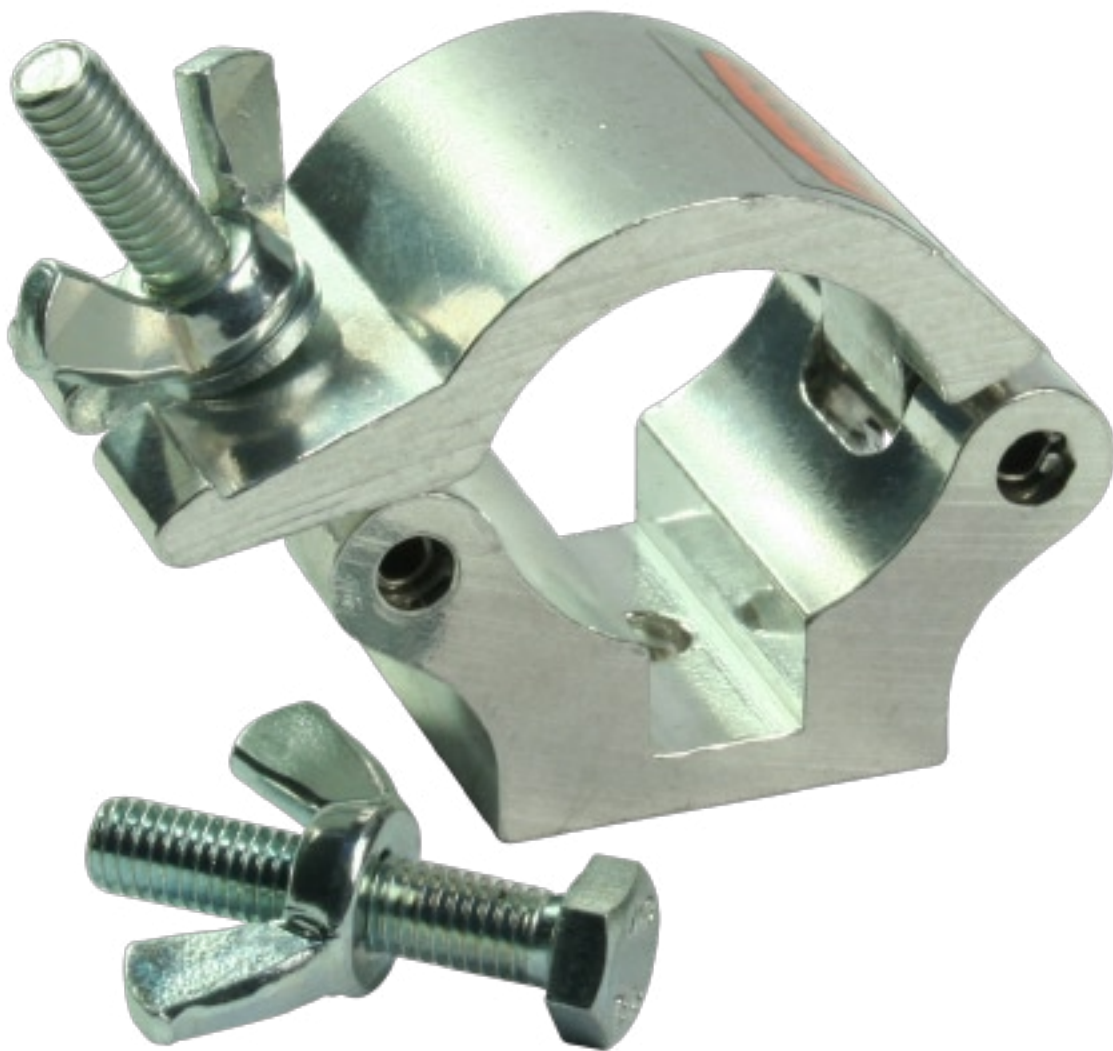




# User Manual

[www.doughty-engineering.co.uk](http://www.doughty-engineering.co.uk)

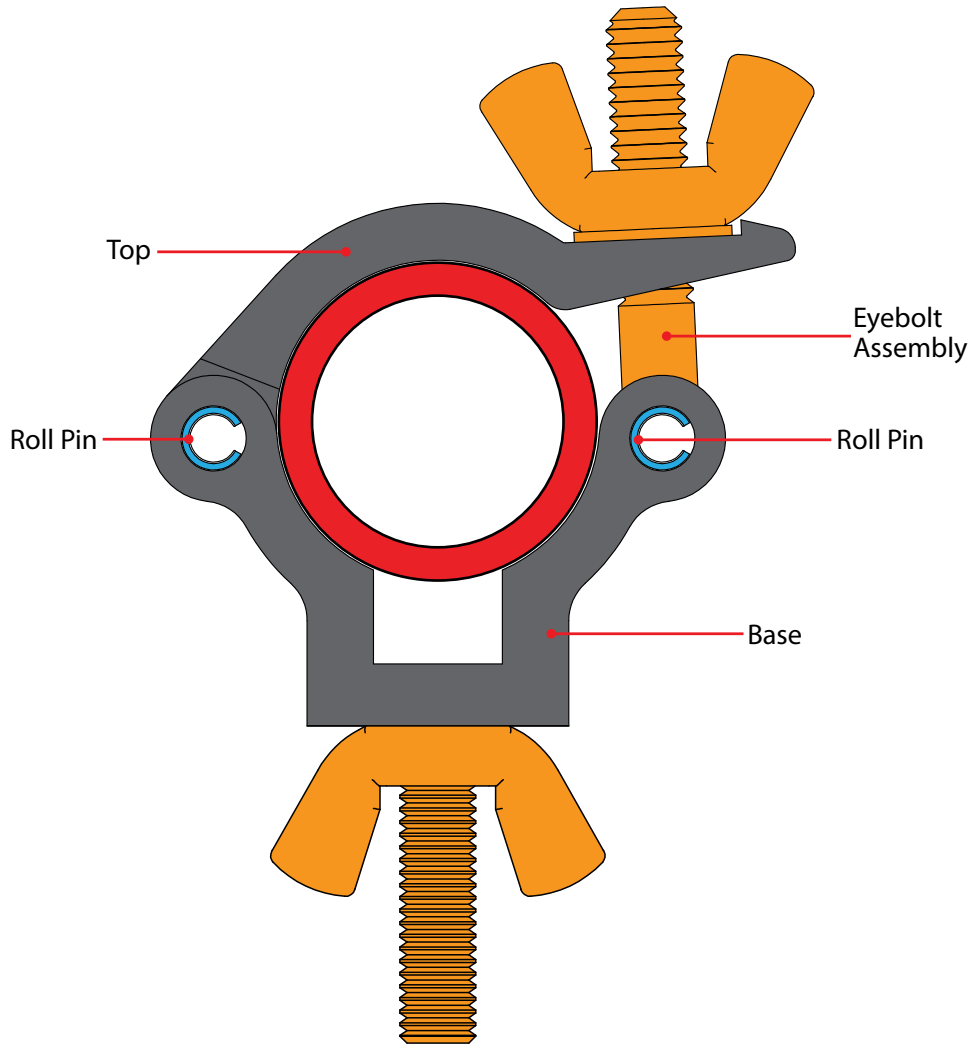
## T58887/T5888701 25mm Atom Hook Clamp



Version 03/11



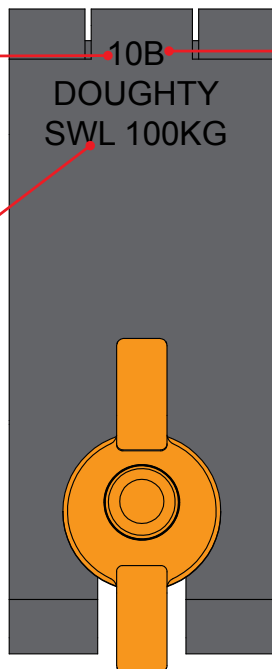
[www.doughty-engineering.co.uk](http://www.doughty-engineering.co.uk)



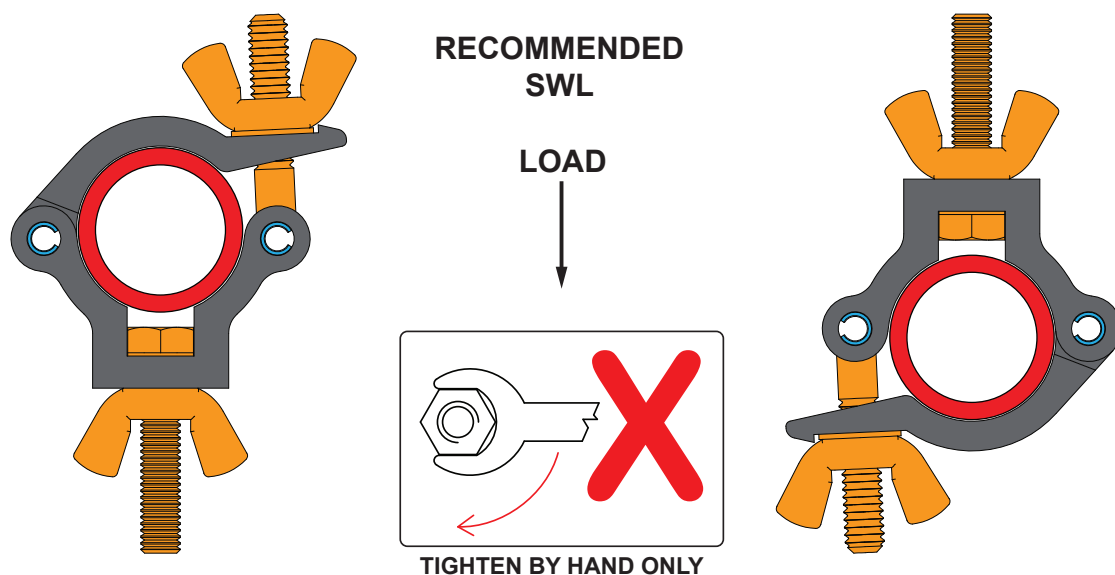
Year of Manufacturer  
i.e. - 09 = 2009  
**10 = 2010**  
11 = 2011

Month of Manufacturer  
i.e. - A = Jan  
**B = Feb**  
C = March

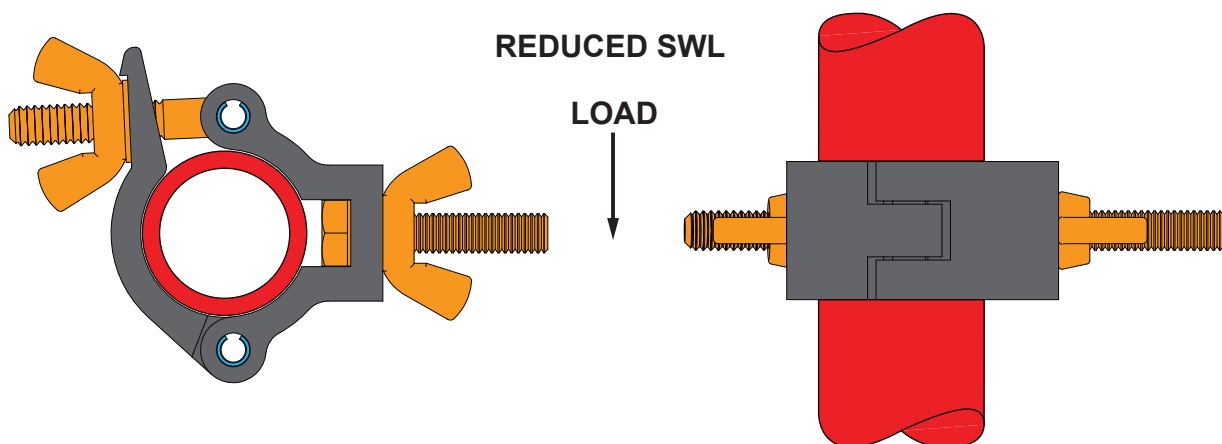
Safe  
Working  
Load



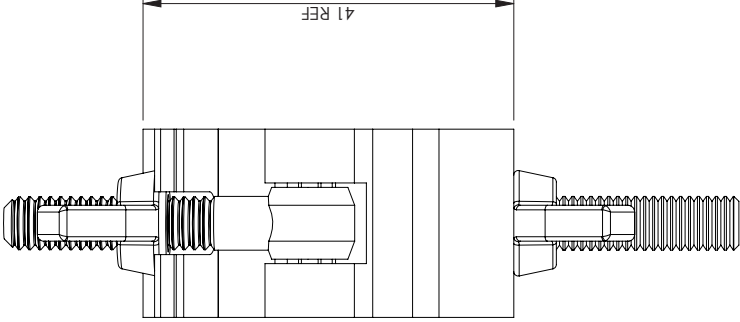
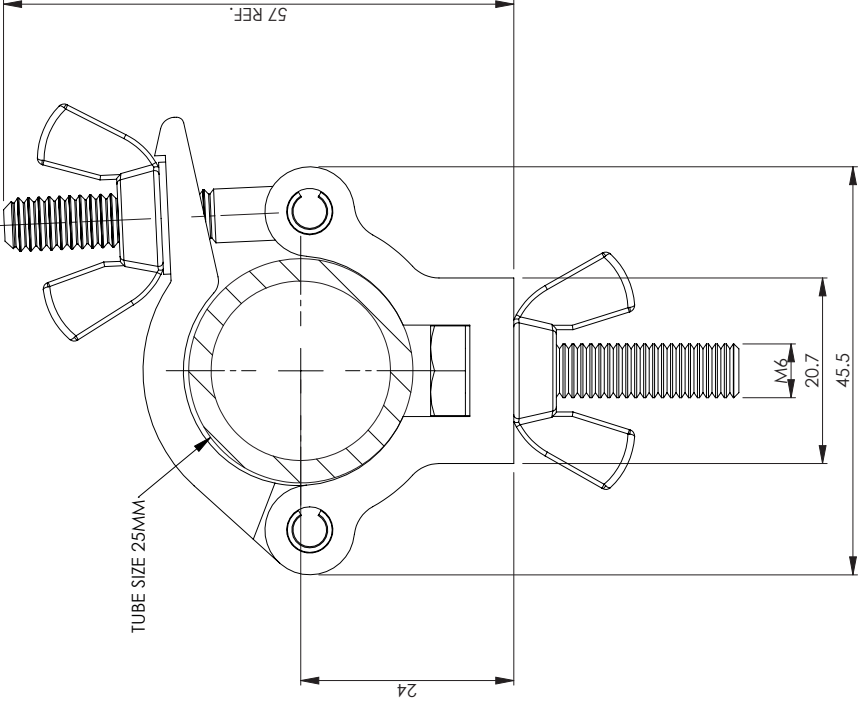
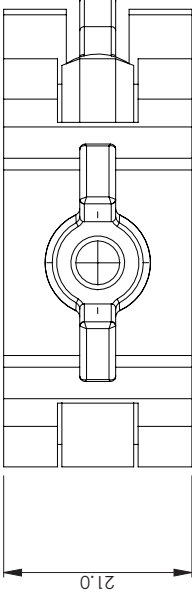
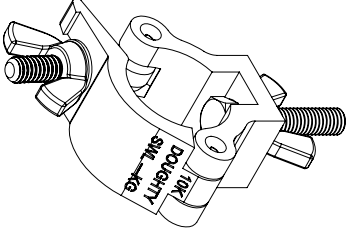


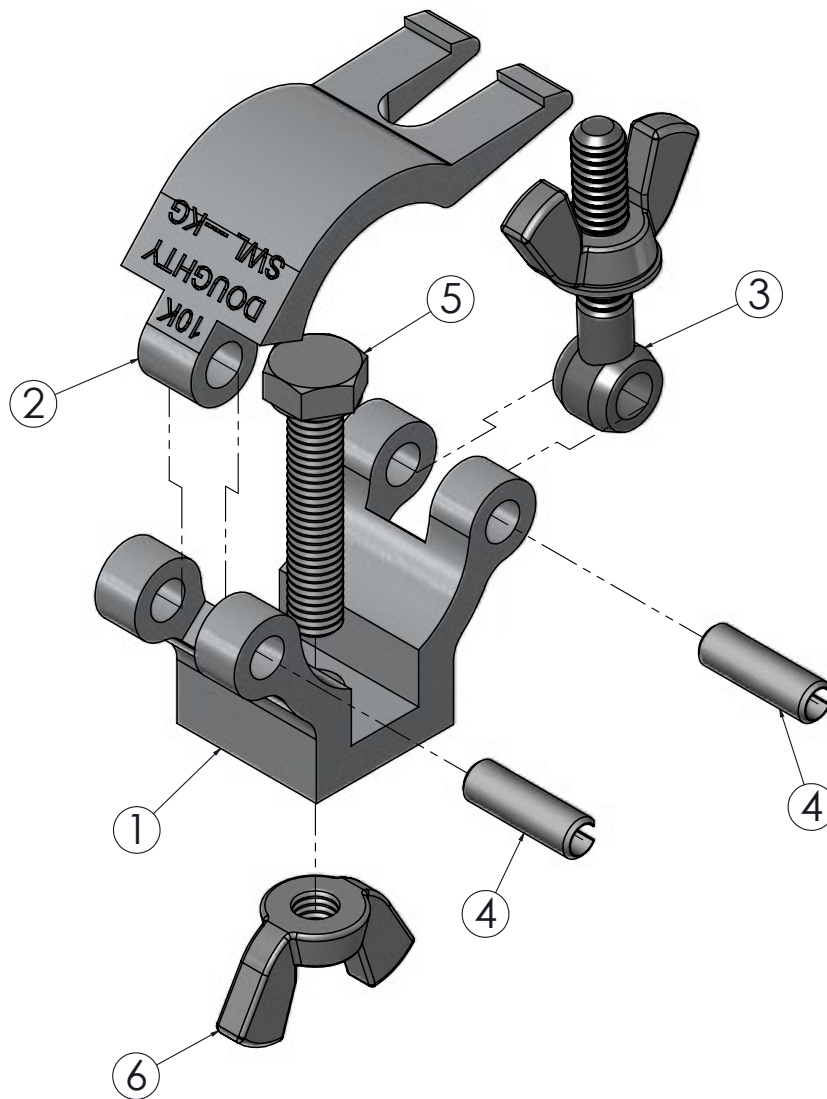
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (25mm).
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.



THE FOLLOWING APPLICATIONS WILL RESULT IN THE RECOMMENDED SWL BEING REDUCED DEPENDANT ON THE TUBE SURFACE FINISH & TORQUE SETTINGS APPLIED. PROOF LOADING ON INSTALLATIONS IS RECOMMENDED.



 DOUGHTY ENGINEERING LTD	<h2 style="text-align: center;">DATA SHEET</h2> <p><b>TITLE:</b> 25MM ATOM HOOK CLAMP</p> <p><b>PART NOS:</b> T58887 - SILVER T5888701 - BLACK</p> <p><b>MATERIAL :</b> ALUMINIUM</p> <p><b>WEIGHT:</b> N/A</p> <p><b>SWL:</b> 100 KG</p> <p><b>FINISH:</b> T58887 - POLISHED T5888701 - POWDER PAINTED BLACK</p> <p><b>NOTES:</b></p>	<p style="text-align: center;"><b>STRICTLY FOR REFERENCE PURPOSES ONLY</b></p>	 THIRD ANGLE PROJECTION
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>41 REF.</p> </div> <div style="text-align: center;">  <p>57 REF.</p> <p>24</p> <p>20.7</p> <p>45.5</p> <p>M6</p> <p>TUBE SIZE 25MM</p> </div> <div style="text-align: center;">  <p>21.0</p> </div> <div style="text-align: center;">  </div> </div>			



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY  
AN AUTHORISED SERVICE AGENT.  
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	TH655	MACHINED 25MM ATOM CLAMP BASE	1
2	TH133	25MM ATOM CLAMP TOP MACHINING DETAILS	1
3	T78015	M6 X 35 DOUGHTY EYEBOLT ASSEMBLY	1
4	F772	M5 x 16 ROLL PIN STAINLESS STEEL	2
5	F802	M6 x 30 SET	1
6	F880	M6 WING NUT BZP	1

## T58887 - 25MM ATOM HOOK CLAMP



DRAWN	AW
DATE	15/03/2011
Rev	1

NOT TO SCALE



**Doughty Engineering Limited**

CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND

Telephone: +44 (0) 1425 478961 Fax: +44 (0) 1425 474481

www.doughty-engineering.co.uk

email:sales@doughty-engineering.co.uk

**EC DECLARATION OF CONFORMITY**

Doughty Engineering Limited hereby certify that the equipment stated below has been designed to comply with all relevant sections of the specifications referenced below and complies with all the applicable Essential Requirements of the EC Directives and amendments and the National Laws and Regulations adopting these Directives.

**Description:** Ø25mm Atom Hook Clamp

**Model/s:** Part No. T58887 / T5888701

**SWL:** 100Kg      **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

**Harmonised Standards applied:**

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

**National Technical Standards & Specifications applied:**

BS 7905-1:2001

Signed:

A handwritten signature in black ink, appearing to read "Nigel Curtis".

Date:23-04-08

Name: Nigel Curtis

Position: Technical Director

Being the responsible person appointed by the manufacturer.



DEQ 083 Rev 4

Company Registration No. London 972614  
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ  
Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright





**Doughty Engineering Ltd**

Crow Arch Lane

Ringwood, Hampshire, BH24 1NZ

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# User Manual

[www.doughty-engineering.co.uk](http://www.doughty-engineering.co.uk)

## T58830 / T5883001 32mm Atom Hook Clamp

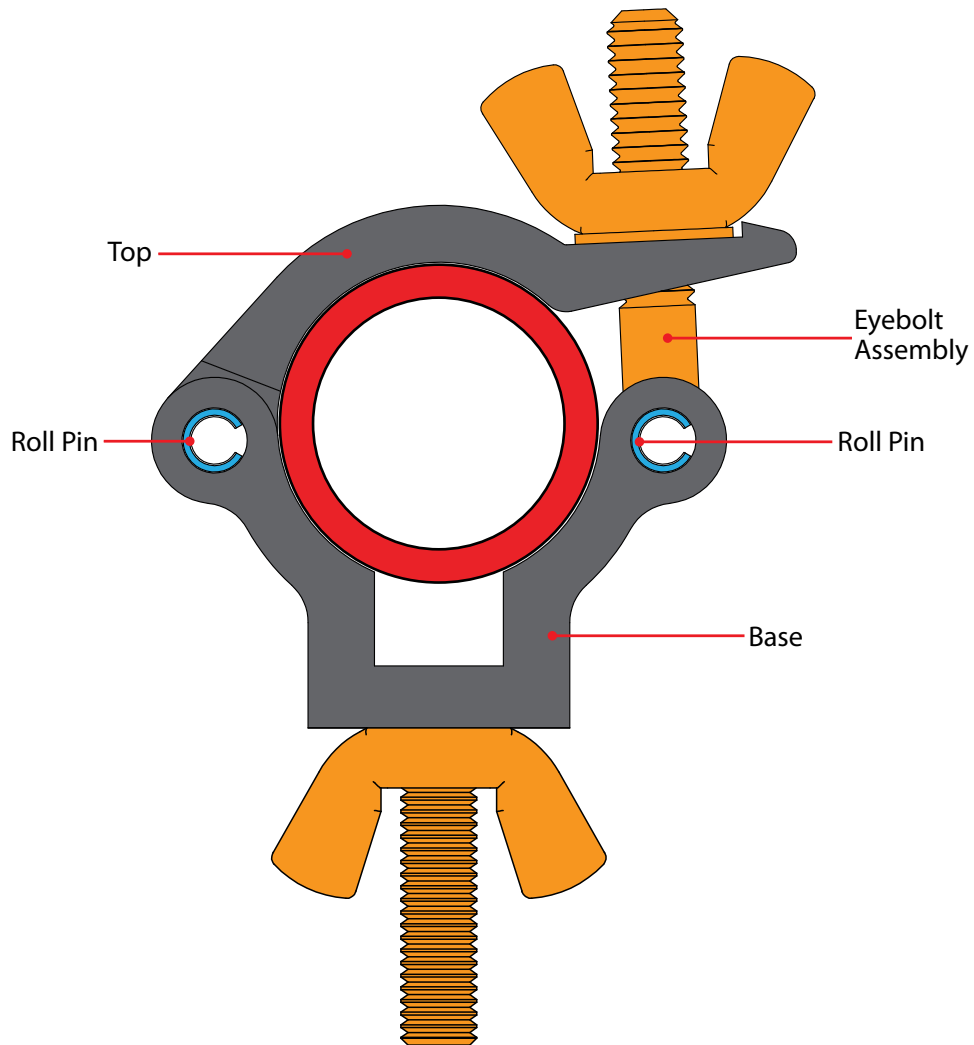


Version 03/11



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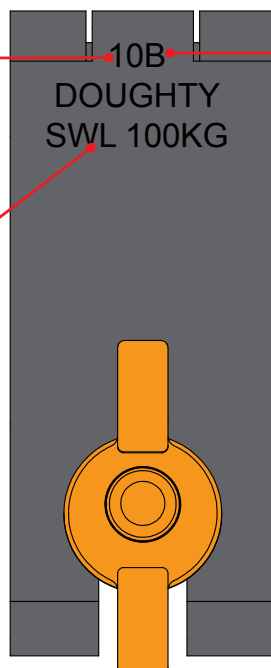




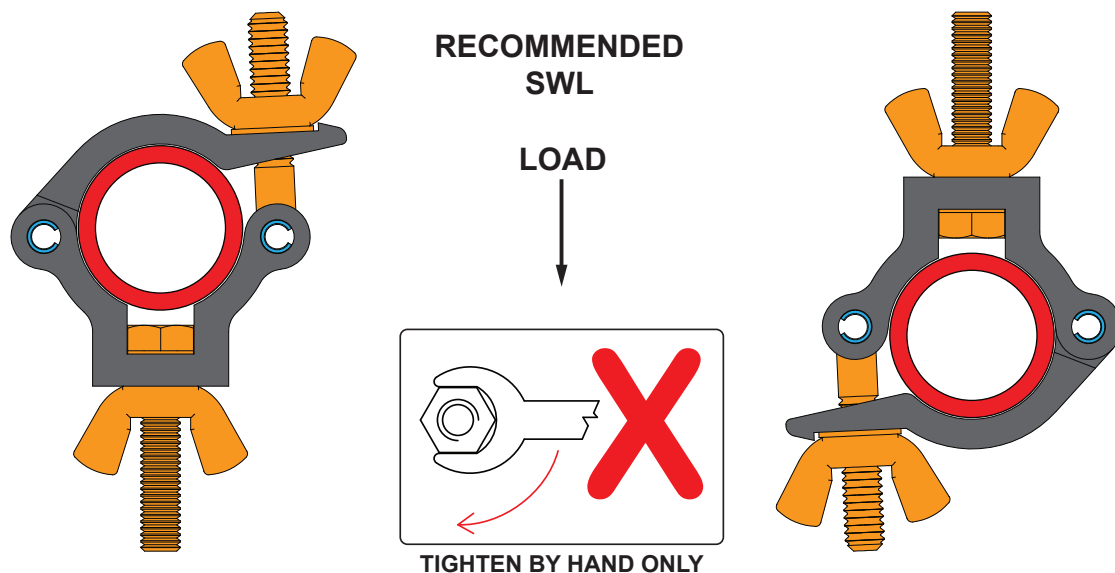
Year of Manufacturer  
i.e. - 09 = 2009  
**10 = 2010**  
11 = 2011

Month of Manufacturer  
i.e. - A = Jan  
**B = Feb**  
C = March

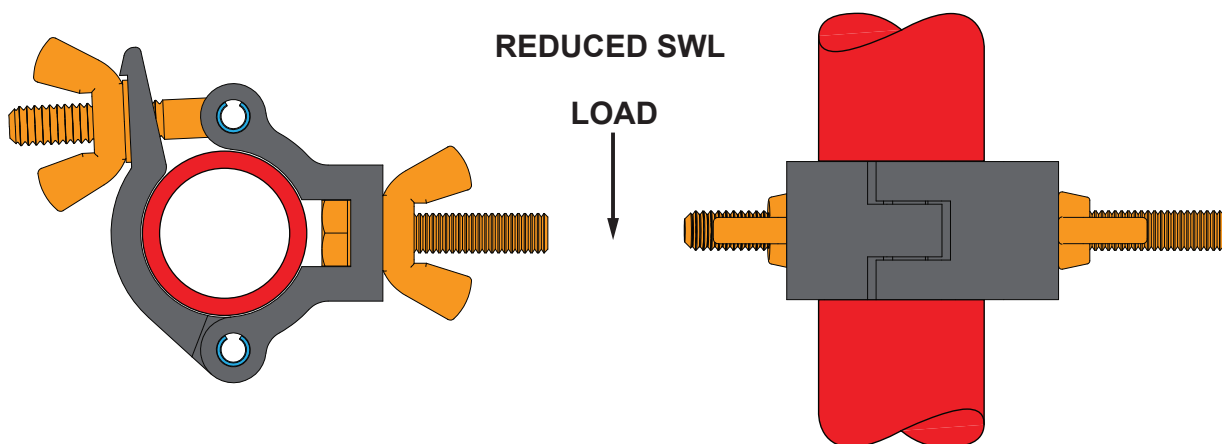
Safe Working Load



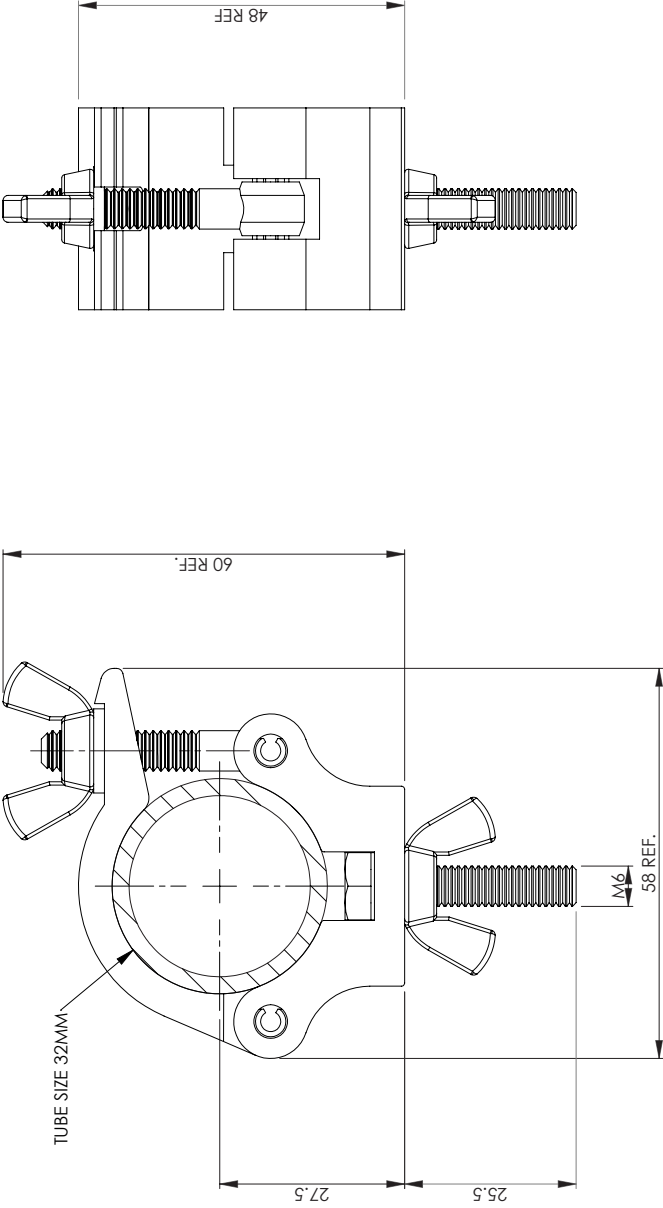
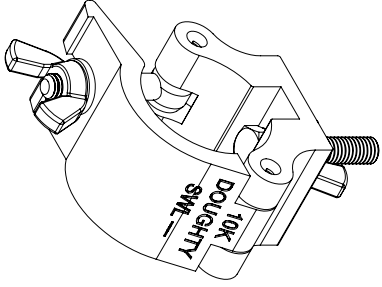
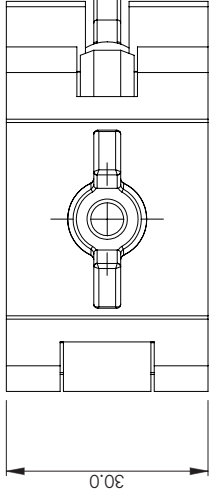


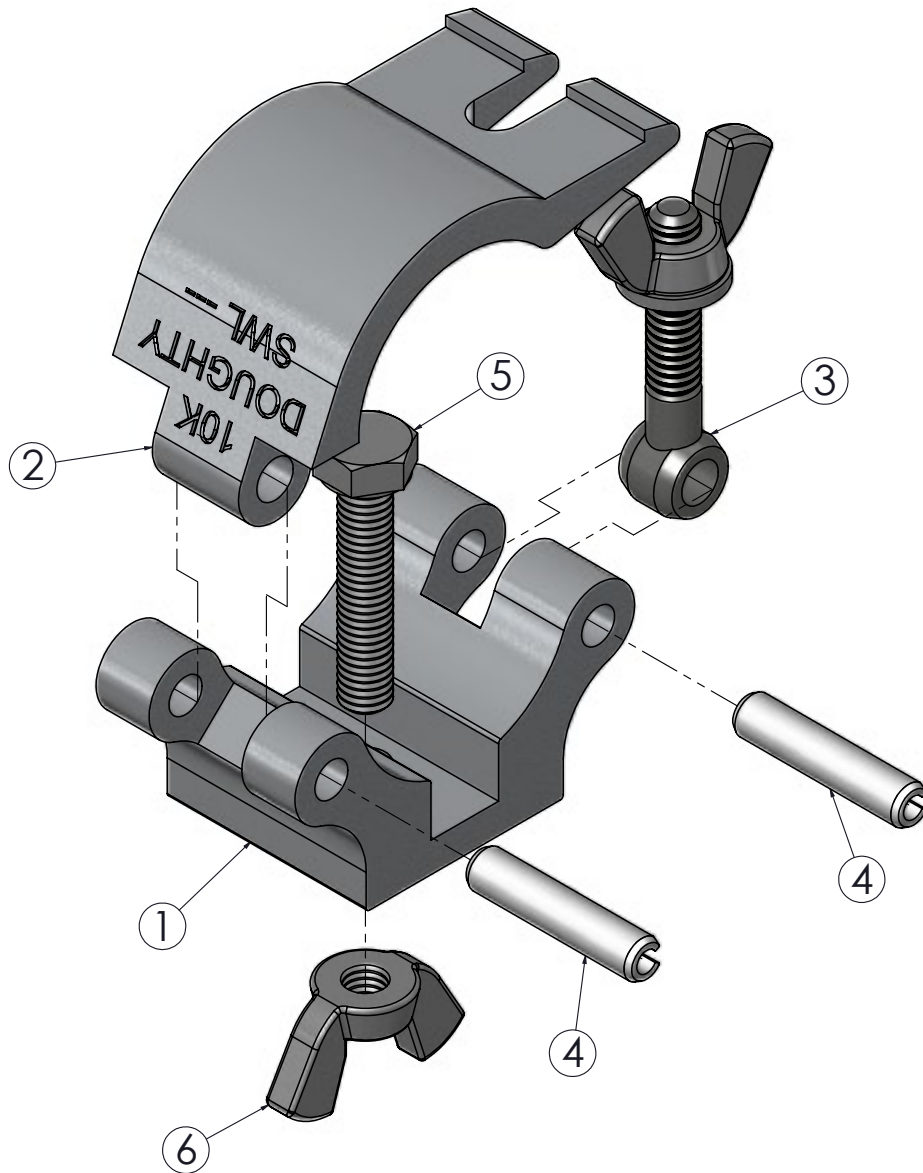
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (32mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.



THE FOLLOWING APPLICATIONS WILL RESULT IN THE RECOMMENDED SWL BEING REDUCED DEPENDANT ON THE TUBE SURFACE FINISH & TORQUE SETTINGS APPLIED. PROOF LOADING ON INSTALLATIONS IS RECOMMENDED.



 DOUGHTY ENGINEERING LTD	<h2 style="text-align: center;">DATA SHEET</h2> <p><b>TITLE:</b> 32MM ATOM HOOK CLAMP</p> <p><b>PART NOS:</b> T58830 - SILVER T5883001 - BLACK</p> <p><b>MATERIAL :</b> ALUMINIUM</p> <p><b>WEIGHT:</b> N/A</p> <p><b>SWL:</b> 100 KG</p> <p><b>FINISH:</b> T58830 - POLISHED T5883001 - POWDER PAINTED BLACK</p> <p><b>NOTES:</b></p>	<p style="text-align: center;"><b>STRICTLY FOR REFERENCE PURPOSES ONLY</b></p>	 THIRD ANGLE PROJECTION
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>TUBE SIZE 32MM</p> </div> <div style="text-align: center;">  </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>30.0</p> </div>			



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY  
AN AUTHORISED SERVICE AGENT.  
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	TH320	MACHINED 32MM ATOM CLAMP BASE	1
2	TH321	MACHINED 32MM ATOM CLAMP TOP	1
3	T78010	M6 X 39 EYEBOLT	1
4	F771	M5 x 25 Stainless Steel Roll Pin	2
5	F802	M6 x 30 SET	1
6	F880	M6 WING NUT BZP	1

T58830 - 32MM ATOM  
HOOK CLAMP



DRAWN	AW
DATE	21/03/2011
Rev	1

NOT TO SCALE



**Doughty Engineering Limited**

CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND

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email:sales@doughty-engineering.co.uk

**EC DECLARATION OF CONFORMITY**

Doughty Engineering Limited hereby certify that the equipment stated below has been designed to comply with all relevant sections of the specifications referenced below and complies with all the applicable Essential Requirements of the EC Directives and amendments and the National Laws and Regulations adopting these Directives.

**Description:** Ø32mm Atom Hook Clamp

**Model/s:** Part No. T58830 / T5883001

**SWL:** 100Kg      **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

**Harmonised Standards applied:**

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

**National Technical Standards & Specifications applied:**

BS 7905-1:2001

Signed:

A handwritten signature in black ink, appearing to read "Nigel Curtis".

Date:23-04-08

Name: Nigel Curtis

Position: Technical Director

Being the responsible person appointed by the manufacturer.



DEQ 083 Rev 4

Company Registration No. London 972614  
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ  
Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright





**Doughty Engineering Ltd**

Crow Arch Lane

Ringwood, Hampshire, BH24 1NZ

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email: [sales@doughty-engineering.co.uk](mailto:sales@doughty-engineering.co.uk)

Web: [www.doughty-engineering.co.uk](http://www.doughty-engineering.co.uk)

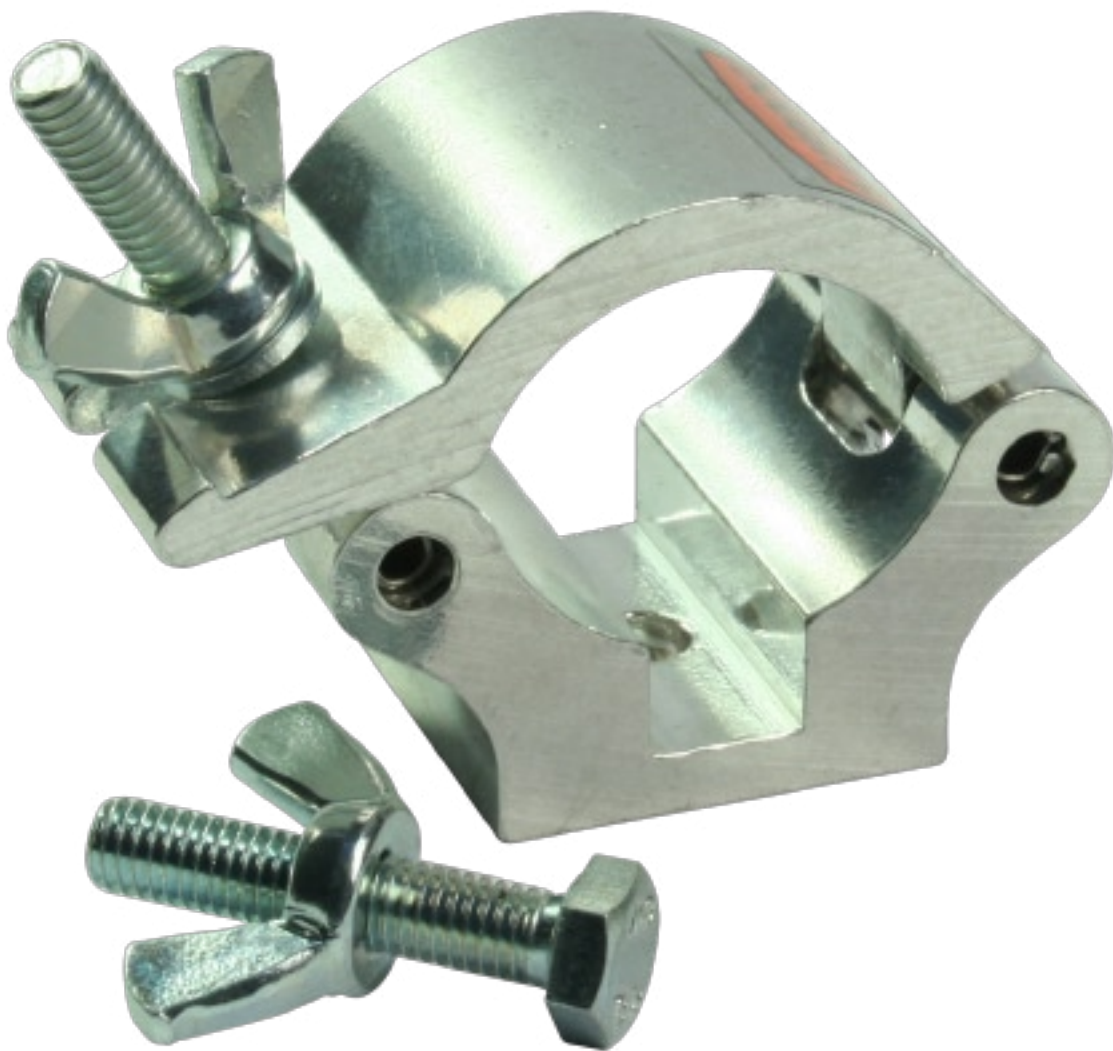
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# User Manual

[www.doughty-engineering.co.uk](http://www.doughty-engineering.co.uk)

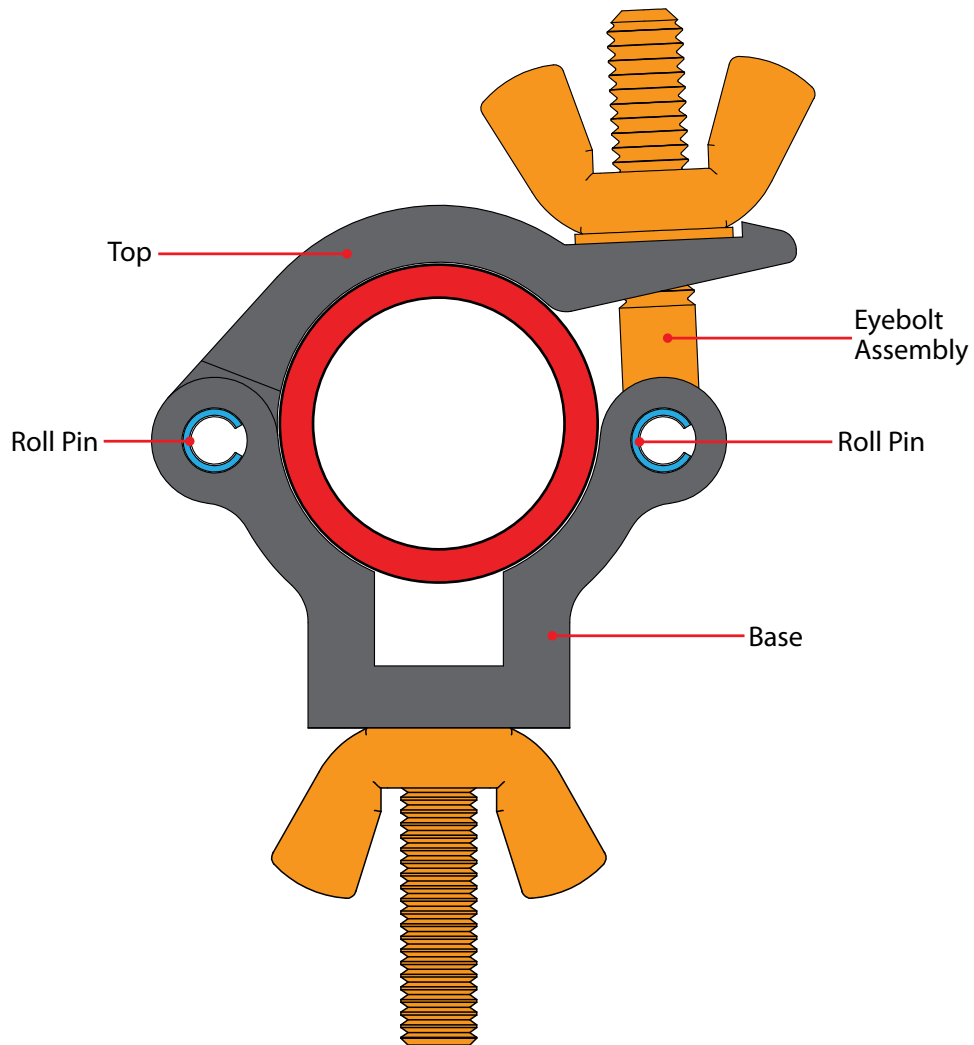
## T58997 / T5899701 38mm Atom Hook Clamp



Version 03/11



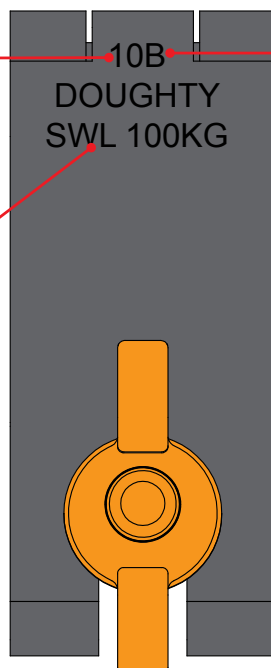
[www.doughty-engineering.co.uk](http://www.doughty-engineering.co.uk)



Year of Manufacturer  
i.e. - 09 = 2009  
**10 = 2010**  
11 = 2011

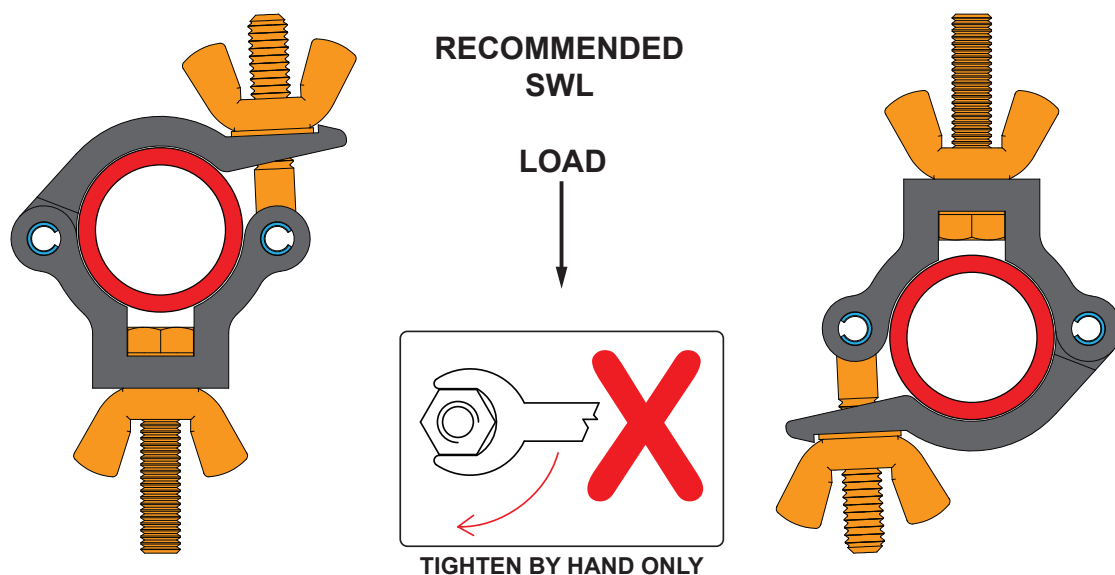
Month of Manufacturer  
i.e. - A = Jan  
**B = Feb**  
C = March

Safe Working Load

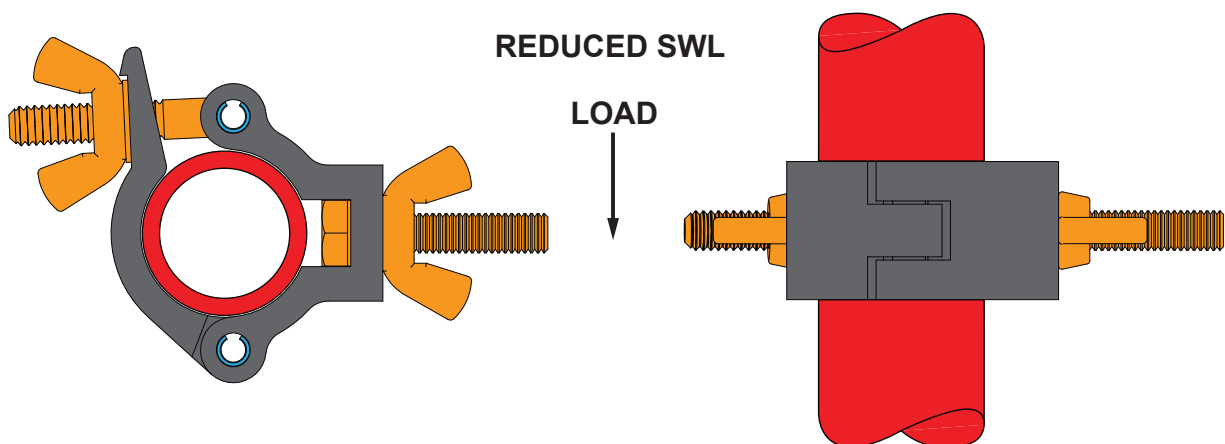




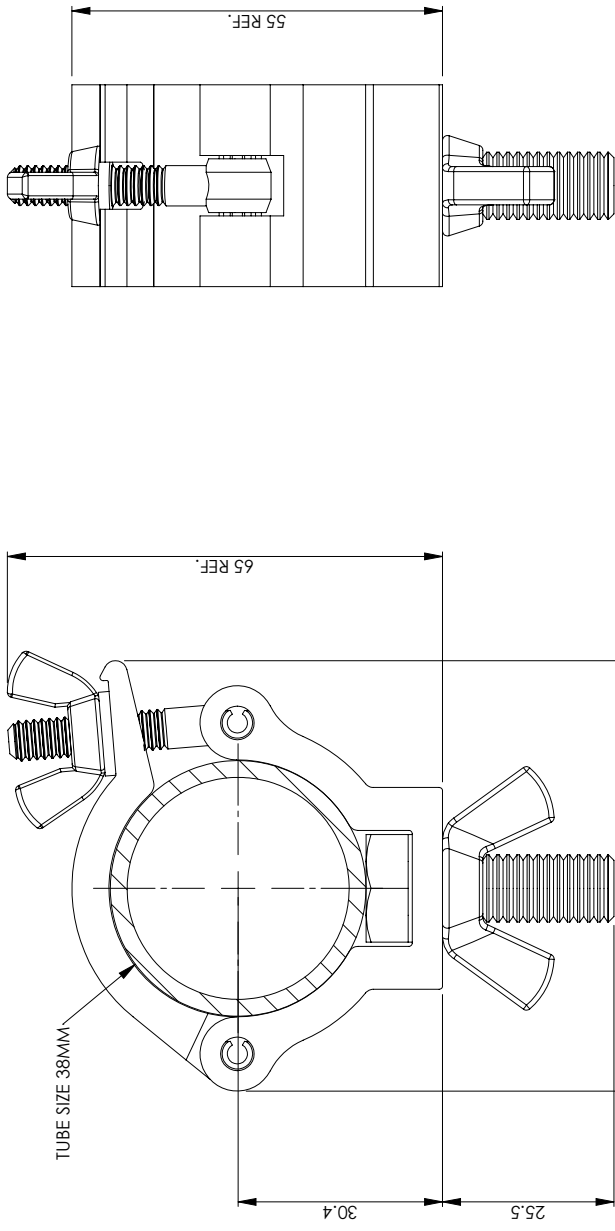
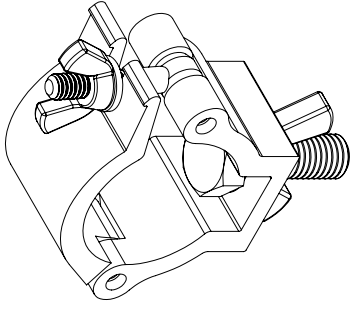
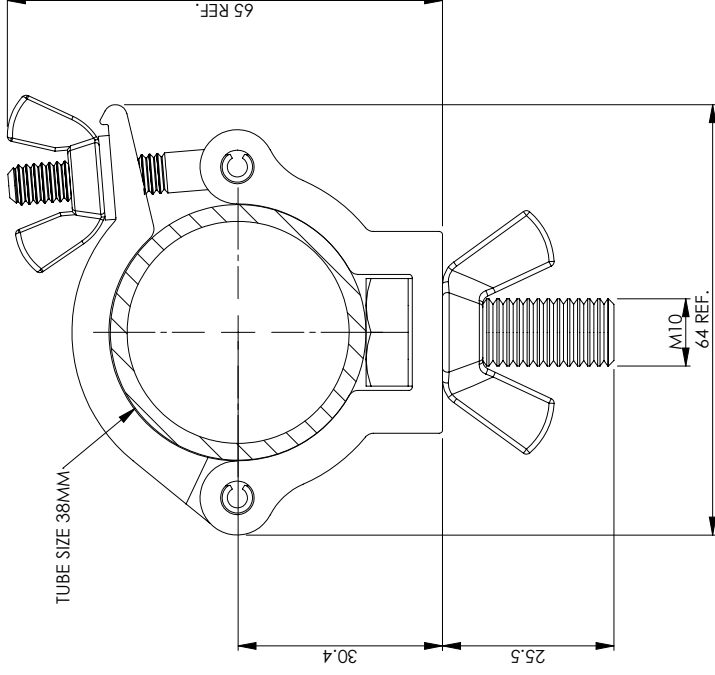
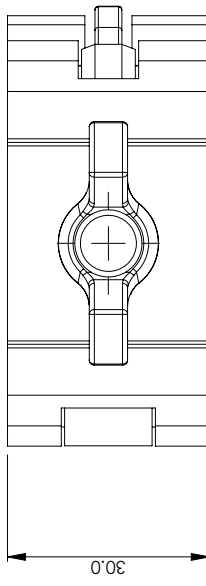


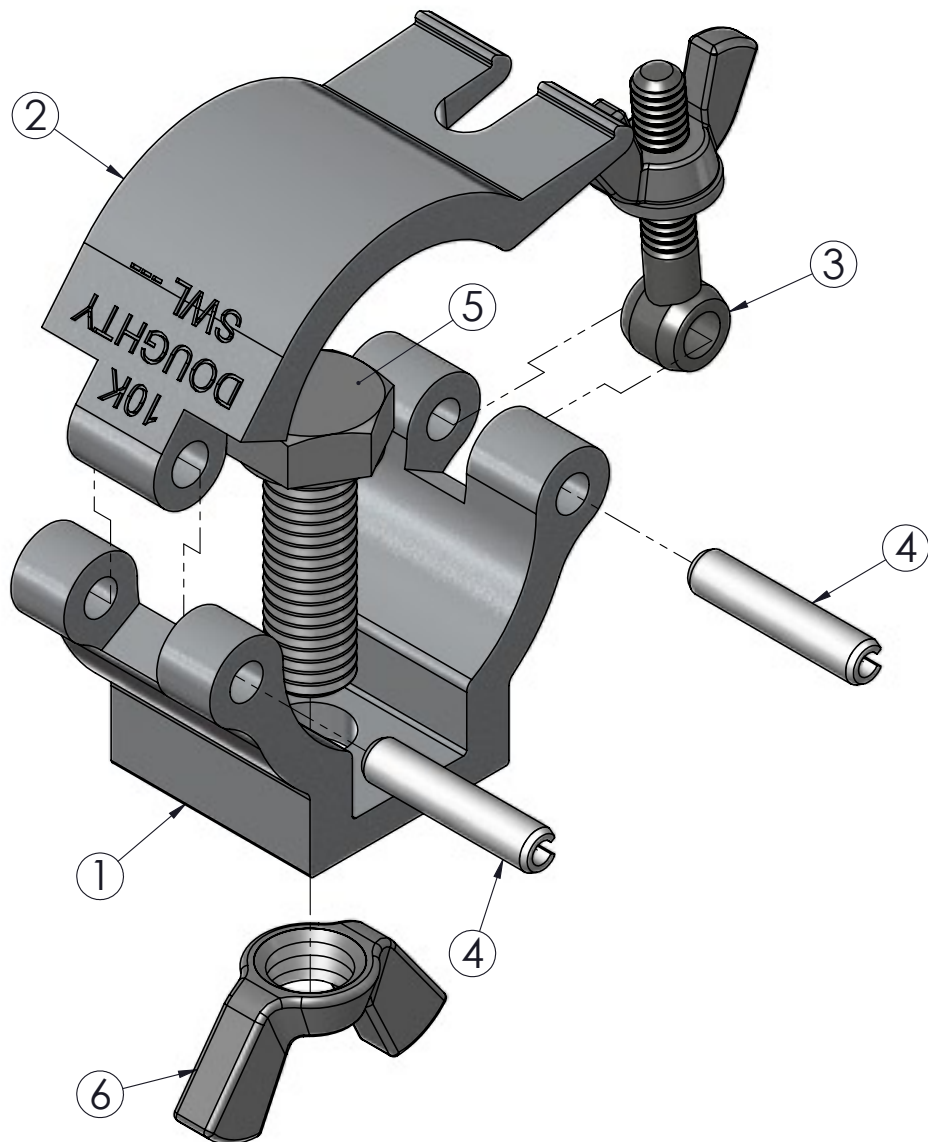
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (38mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an 'Approved Doughty Service Agent' for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.



THE FOLLOWING APPLICATIONS WILL RESULT IN THE RECOMMENDED SWL BEING REDUCED DEPENDANT ON THE TUBE SURFACE FINISH & TORQUE SETTINGS APPLIED. PROOF LOADING ON INSTALLATIONS IS RECOMMENDED.



 DOUGHTY ENGINEERING LTD	<h2 style="text-align: center;">DATA SHEET</h2> <p><b>TITLE:</b> 38MM ATOM HOOK CLAMP</p> <p><b>PART NOS:</b> T58997 - SILVER T5899701 - BLACK</p> <p><b>MATERIAL :</b> ALUMINIUM</p> <p><b>WEIGHT:</b> N/A</p> <p><b>SWL:</b> 100KG</p> <p><b>FINISH:</b> T58997 - POLISHED T5899701 - POWDER PAINTED BLACK</p> <p><b>NOTES:</b></p>	<p style="text-align: center;"><b>STRICTLY FOR REFERENCE PURPOSES ONLY</b></p>	 THIRD ANGLE PROJECTION
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>TUBE SIZE 38MM</p> </div> <div style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>			



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SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	TH134	MACHINED 38MM ATOM CLAMP BASE	1
2	TH705	MACHINED 38MM ATOM CLAMP TOP	1
3	T78010	M6 X 39 EYEBOLT	1
4	F771	M5 x 25 Stainless Steel Roll Pin	2
5	F822	M10 X 30 HEX SET BZP	1
6	F882	M10 WING NUT	1

<b>T58997 - 38MM ATOM HOOK CLAMP</b>		DRAWN	AW
		DATE	23/03/2011
	NOT TO SCALE	Rev	1



**Doughty Engineering Limited**

CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND

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email:sales@doughty-engineering.co.uk

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**Description:** Ø38mm Atom Hook Clamp

**Model/s:** Part No. T58997 / T5899701

**SWL:** 100Kg      **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

**Harmonised Standards applied:**

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

**National Technical Standards & Specifications applied:**

BS 7905-1:2001

Signed:

A handwritten signature in black ink, appearing to read "Nigel Curtis".

Date:23-04-08

Name: Nigel Curtis

Position: Technical Director

Being the responsible person appointed by the manufacturer.



DEQ 083 Rev 4

Company Registration No. London 972614  
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Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright





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Ringwood, Hampshire, BH24 1NZ

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